

# STATE OF ALASKA DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES

## PLAN AND PROFILE PROPOSED HIGHWAY PROJECT SOS - 3(011) PETERSBURG AIRPORT EAST PETERSBURG GRADING AND DRAINAGE *AS BUILT PLANS*

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
ALASKA	SOS-3(011)	1	2

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION & ESTIMATE OF QUANTITIES

The following Standard Drawings apply to this project:  
A-1, C-00.04, C-10.02, C-11.02, D-02.02,  
S-00.10, S-05.00, S-30.11

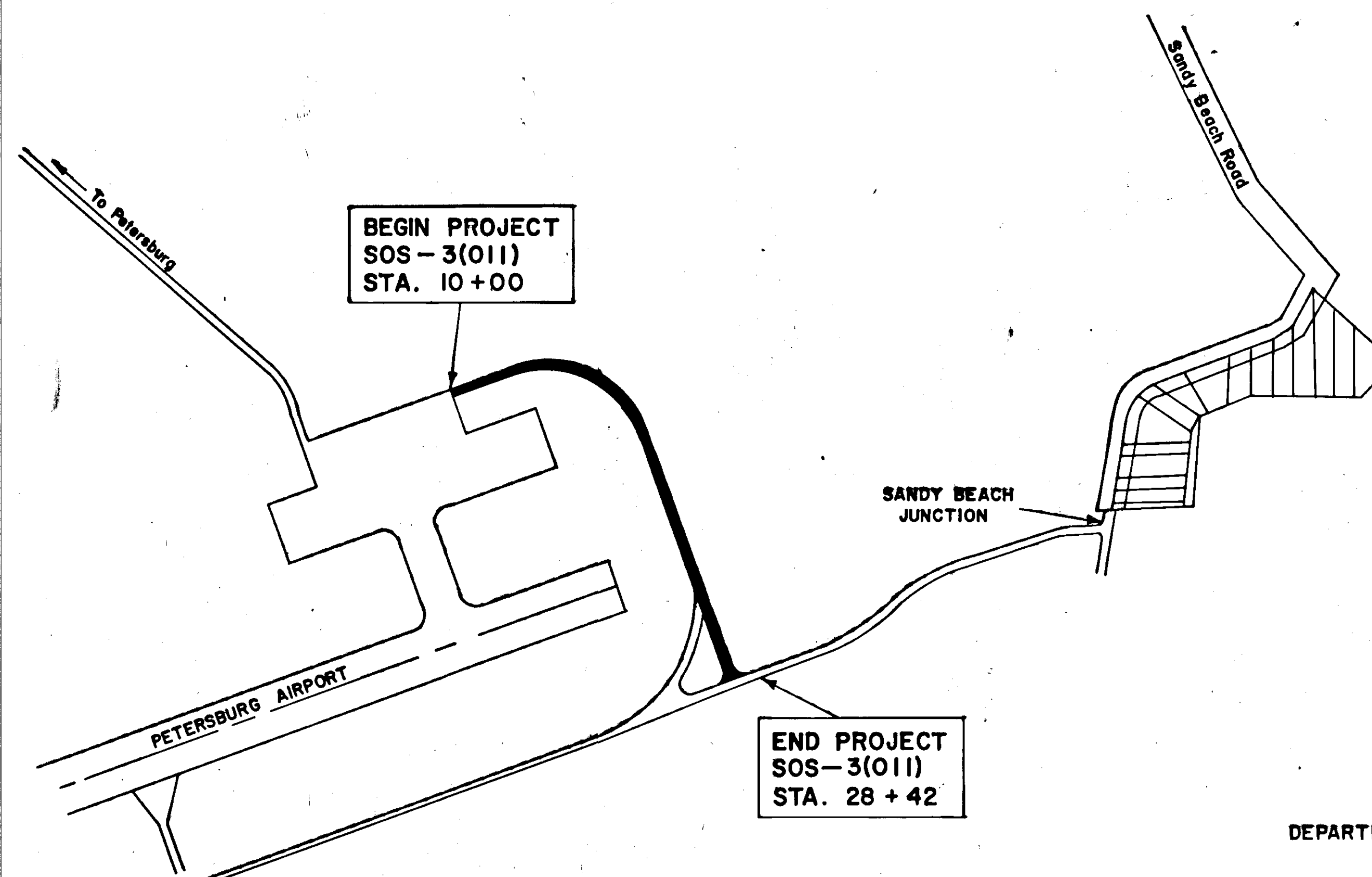
### PROJECT SUMMARY

WIDTH OF SURFACING = 28 Ft.  
LENGTH OF GRADING = 1842 Ft. = 0.35 Miles  
LENGTH OF PROJECT = 1842 Ft. = 0.35 Miles

### DESIGN DESIGNATION

ADT 1975 = 350  
ADT 1999 = 711  
DHV 12% = 85  
D = 60-40  
T = 7%  
T.I. = 5.0  
V = 40 MPH

Contractor: Rock & Road Const.  
Project Engineer: Vincent J. Rhea  
Beginning Date: Nov. 8, 1978  
Completion Date: May 22, 1979



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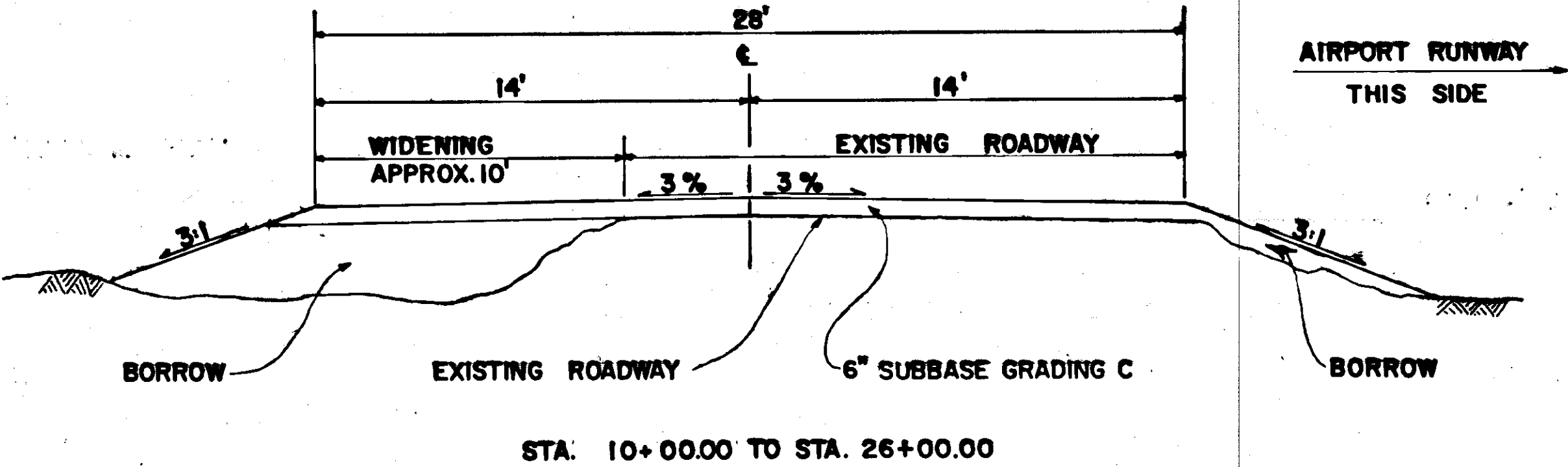
APPROVED  
*[Signature]*  
SOUTHEASTERN REGION DESIGN AND  
CONSTRUCTION ENGINEER

APPROVED  
*[Signature]*  
DIRECTOR-HIGHWAY DESIGN & CONSTRUCTION

STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS
ALASKA	SOS-3(011)	1978	2	2

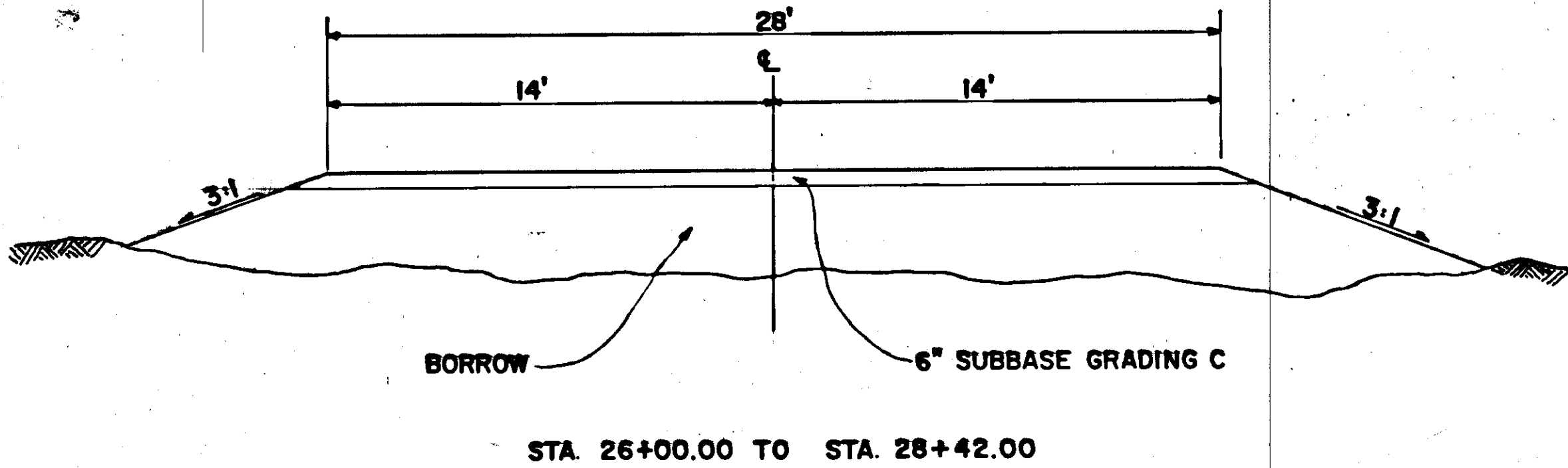
GENERAL NOTES

- Alignment and grade shall be as directed by the engineer.
- Culvert lengths and location are subject to minor revisions.
- At station 11+26 there is a communication wire running under the road through a 2" pipe conduit. Protection and required extension shall be the responsibility of the contractor, incidental to other items of work.
- At station 17+70 there is a water line crossing the road. Protection and repair of any damage shall be the responsibility of the contractor, incidental to other items.
- Removal and disposal of the wood bridge at station 16+44 shall be paid for under item 202(1).
- Use 50' radii at junction with Sandy Beach Road.
- The top of borrow on roadway and sideslopes shall be choked off with 4" minus material.



ESTIMATE OF QUANTITIES			
Item No.	Item	Unit	Quantity
110(1)	Mobilization	L.S.	All Req'd.
111(1)	Temporary Erosion & Pollution Control	C.S.	All Req'd.
202(1)	Removal of Structures and Obstructions	L.S.	All Req'd.
203(5B)	Borrow	Ton	6,200 9,700
304(1)	Subbase Grading C	Ton	2,000
603(221)	36" Pipe Conduit	Lin. Ft.	48
615(1)	Standard Signs		

CULVERT SUMMARY		
Station	36"	Remarks
20+00/15	18'	Add 12' on left, remove damaged end section and add 6' on right
25+00/7	30'	Add 18' on left and 12' on right



SIGNING SCHEDULE													
NO.	STATION	DIST. - C.		CODE NO.	LEGEND	SIGN PANEL THICKNESS			POST				
		LT.	RT.			Size	Unframed	Area S.F.	No. of Posts	Type	Size	Length	Embedment
1.	248+00		16'	RI-2	Yield	36-36-36	.063	2.6	1	Tube	2"	12.5	3.5
2.	248+42	26' Ahead		WI-7	Double Arrow	24 x 48	.063	8.0	1	Tube	2"	12.5	3.5

BASIS OF ESTIMATE		
Item No.	Estimating Factor	
203(5B)	1.80 Ton	Cu. Yd.
304(1)	1.96 Ton	Cu. Yd.
304(1)		